

## **Operational Sensing Project**

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П		Identify Logistics Issues	Collect Logistics Data	Provide	
ľ	Field Sensing	Conduct structured interviews to identify emerging logistics issues     Serve as a conduit to the G-4	Collect Virtual CLRP and CDSP data to "feed" data	Analysis Support     Conduct DCS G-4, G-4     Directorate , & LIA "Special	
L	Field	staff to assist in the resolution of policy & process issues that cross ACs, ASCCs, & DRUs	archives IOT Identify Issues and Best Practices	Interest " Interviews	
	Text Analytics	Review data archives (CALL Archives & R-CAAT Transcripts) to identify issues & best practices     Locate specific documents containing research topics.	<ul> <li>Text Mine Virtual CLRP and CDSP Data Archives from ACs, ASCCs, &amp; DRUs assessment documents</li> </ul>	Create Bibliographies for research of specific topics	
	Analysis & Verification	<ul> <li>Develop Sustainment Issues List</li> <li>Develop Best Practices List</li> </ul>	<ul> <li>Identify CLRP and CDSP issue root causes</li> <li>Recommend policy, program, or technology solutions.</li> <li>Issue resolution through policy and process changes</li> </ul>	Identify issue root causes     Determine organization with capability for resolution     Research Papers and Briefs Recommending Solutions	

## **DESCRIPTION**

Systematic process to collect & synthesize qualitative & quantitative logistical information that's being generated by the Army Logistics Enterprise, resulting in identification of <a href="actionable"><u>actionable</u></a> issues that impact Logistics policies and programs across the Army.

Accomplished by conduct of interviews with commanders and staff in the operational forces and data mining of lessons learned libraries and logistical archives using IBM SPSS.

Accomplished in the institutional forces by creating a Virtual Command Logistics Review Program to text mine logistical data repositories at the ACOM/ASCC/DRU.

Stakeholders: G44S, G44M, G44D, G46, CASCOM, CALL, AC, ASCC, DRU

## **MILESTONES**

✓ Complete and Vet Methodology and Procedures	Sep 09
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√ Field Sensing Team Fully Operational	Oct 09
✓ Initial visits to 22 AC/ASCC/ DRU	Mar 10
✓ Create collaboration portal for Virtual CLRP	Jul 10
✓ Develop FY 11 Field Team Schedule	Oct 10
✓ Begin Rand on SSA Process walks	Jan 11
✓Update AR 11-1	Feb 11
✓ Work with G4 Staff on Issue Criteria for GO/SES	Feb 11
□Desktop Reference on Property Accountability Docs	Mar 11
□Begin use of SPSS Modeler for Predictive Analysis	Apr 11

## **WAY AHEAD**

- ☐ Field Sensing Team
  - Attend CY 11 R-CAATs and CALL Umbrella Visits
  - Work with RAND to document issues and lessons learned from SSA Process Walks
- □ Text Analytics Team
  - Develop additional Input Sources for Text Mining
  - Text Mine GSA and AAA document archives
  - Complete Transfer of Virtual CLRP to Microsoft Project Portal
  - Complete advanced SPSS training and implement Predictive Analysis Tools
- Analysis and Verification Team
  - Complete Verification of Issues and Best Practices Running Issues List
  - Complete Issue Papers on Questions designated by DCS G4